

4-22-2002

Change in the M.S. in Computational Science: Raises Application Science credits needed from 11-12

The College at Brockport, College Senate

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SUNY BROCKPORT

Faculty Senate
State University of New York
College at Brockport
350 New Campus Drive
Brockport, NY 14420-2925
(716) 395-2586 (Fax) 395-2246

Resolution #28
2001-2002
FACULTY SENATE

TO: Dr. Paul Yu, College President

FROM: The Faculty Senate Meeting on: *April 22, 2002*

RE: ⇨ I. Formal Resolution (*Act of Determination*)
II. Recommendation (*Urging the Fitness of*)
III. Other, For your Information (*Notice, Request, Report, etc.*)

SUBJ: *Change in the MS in Computational Science: Raises Application Science Credits Needed From 11 to 12.*

Signed: *Jennifer M. Lloyd* Date Sent: *5/2/02*
(Jennifer Lloyd, Faculty Senate President)

TO: The Faculty Senate

FROM: Dr. Paul Yu, College President

RE: I. Decision and Action Taken on Formal Resolution (circle)
a. Accepted. Effective Date: *9/1/02 or first opportunity for publication*
b. Deferred for discussion with the Faculty Senate on ___/___/___
c. Unacceptable for the reasons contained in the attached explanation

II, III. Response to Recommendation/Other

- a. Received and acknowledged
- b. Comment:

DISTRIBUTION: *Faculty Senate, President's Staff, Deans Council, Karla Merrifield*

Distribution Date: *5/9/02* Signed: *Paul Yu*
(Dr. Paul Yu, President, SUNY College at Brockport)

To: Jenny Lloyd, President
Faculty Senate

From: Osman Yasar, Chair
Department of Computational Science

FACULTY SENATE
SUNY College at Brockport
MAR 27 2002
350 New Campus Drive
Brockport, NY 14420-2925
Feb 28, 2002

Attached please find a revision in our graduate program. This increases the number Application Science and Elective credits from 11 to 12. Most of our students so far have ended up taking 12 credits, as there is almost no scenario matching 11 credits. Students concentrating in a particular area of applications will have that information on their transcripts.

PROPOSED REVISION IN M.S. DEGREE IN COMPUTATIONAL SCIENCE

Required Courses (23 credits):	Credits
Mathematics courses (3 credits)	
MTH 581 Discrete Mathematics	3
Computer Science Courses (4 credits)	
CSC 506 Advanced Data Structures	4
Computational Science Courses (15 credits)	
CPS 533 Scientific Visualization	3
CPS 602 Advanced Software Tools	3
CPS 644 Supercomputing and Applications	3
CPS 698 Graduate Seminar	1
CPS 699 Independent Study	3
CPS 700 Project Paper	3
Application Sciences and Elective Courses (11 12 credits) 500 and higher-level courses from computational science, computer science, math, or application sciences.	
1. Students do not have to limit their Application Sciences and Elective courses to one area. 2. Students who choose to concentrate on ONLY one area (X) of Application Sciences and Electives are considered to have a <i>Computational-X</i> concentration, subject to advisor's approval.	11 12
TOTAL Credits	34 35